

**CRF Errors Corrected by the STIC System Branch**

0590  
01/02  
OIRPE  
1/14/2002

Serial Number: 09/918,186A

CRF Processing Date: 1/14/2002  
 Edited by: [Signature]  
 Verified by: [Signature] (STIC Staff)

**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

**\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

OIPE

## RAW SEQUENCE LISTING

DATE: 01/14/2002

PATENT APPLICATION: US/09/918,186A

TIME: 19:30:55

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Output Set: N:\CRF3\01112002\I918186A.raw

P.S

3 <110> APPLICANT: C. Frank Bennett  
 4 Elizabeth J. Ackermann  
 5 Eric E. Swayze  
 6 Lex M. Cowser  
 8 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
 10 <130> FILE REFERENCE: ISPH-0585  
 12 <140> CURRENT APPLICATION NUMBER: US/09/918,186A  
 13 <141> CURRENT FILING DATE: 2001-07-30  
 15 <150> PRIOR APPLICATION NUMBER: 09/496,694  
 16 <151> PRIOR FILING DATE: 2000-02-02  
 18 <150> PRIOR APPLICATION NUMBER: 09/286,407  
 19 <151> PRIOR FILING DATE: 1999-04-05  
 21 <150> PRIOR APPLICATION NUMBER: 09/163,162  
 22 <151> PRIOR FILING DATE: 1998-09-29  
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72 &lt;400&gt; SEQUENCE: 3

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175 atc tct aca ttc aag aac tgg ccc ttc ttg gag ggc tgc gcc tgc acc 2912
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177      20          25          30
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180 Pro Glu Arg
181 35
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196      50          55          60
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199 Leu Glu Gly Trp Glu Pro Asp Asp Asp Pro Ile
200      65          70
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265                                     75
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268 Glu His Lys Lys His Ser Ser Gly Cys Ala Phe Leu Ser Val Lys Lys
270                                     80                                     85                                     90
272 cag ttt gaa gaa tta acc ctt ggt gaa ttt ttg aaa ctg gac aga gaa 5257
273 Gln Phe Glu Glu Leu Thr Leu Gly Glu Phe Leu Lys Leu Asp Arg Glu
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277 Arg Ala Lys Asn Lys Ile
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425 atgaaataaa ttagaaccag tgtgaaaatc gatcagggaa taaatttaat gtggaaataa 9635
427 actgaacaac ttagtctctc ataagagttt acttggtaaa tacttgatgat gaggacaaaa 9695
429 cgaagcacta gaaggagagg cgagttgtag acctgggtgg caggagtgtt ttgtttgttt 9755
431 tctttggcag ggtcttgcct tgttgctcag gctggagtag agtggcacia tcacagctca 9815
433 ctatagcctc gacctcctgg actcaagcaa tctcctgcc tcagcctccc agtagctggg 9875
435 actacaggcg catgccacca tgctgggcta attttaaatt ttttttttct tcttttttga 9935
437 gatggaatct cactctgtcg cccagggtgg agtgcagtgg cgtgatctcg gctgacggca 9995
439 agctccgctt cccagggtta ctccattcgc ctgcctcagc ctcccaagta gctgggacta 10055
442 caggcgctgg gattacaaac ccaaacccaa agtgcctggg ttacaggcgt gagccactgc 10115
444 acccggcctg ttttgtcttt caatagcaag agttgtgttt gcttcgcccc tacctttagt 10175
446 ggaaaaatgt ataaaatgga gatattgacc tccacattgg ggtggttaaa ttatagcatg 10235
448 tatgcaaagg agcttcgcta atttaaggct tttttgaaag agaagaaact gaataatcca 10295

```

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 01/14/2002

PATENT APPLICATION: US/09/918,186A

TIME: 19:30:56

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01112002\I918186A.raw

L:3508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231

L:3746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249

OIPE

## RAW SEQUENCE LISTING

DATE: 01/08/2002

PATENT APPLICATION: US/09/918,186A

TIME: 15:46:22

Input Set : A:\isph585seq.txt

Output Set: N:\CRF3\01082002\I918186A.raw

**Does Not Comply**  
**Corrected Diskette Needed**

3 <110> APPLICANT: C. Frank Bennett  
 4 Elizabeth J. Ackermann  
 5 Eric E. Swayze  
 6 Lex M. Cowsert  
 8 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
 10 <130> FILE REFERENCE: ISPH-0585  
 12 <140> CURRENT APPLICATION NUMBER: US/09/918,186A  
 13 <141> CURRENT FILING DATE: 2001-07-30  
 15 <150> PRIOR APPLICATION NUMBER: 09/496,694  
 16 <151> PRIOR FILING DATE: 2000-02-02  
 18 <150> PRIOR APPLICATION NUMBER: 09/286,407  
 19 <151> PRIOR FILING DATE: 1999-04-05  
 21 <150> PRIOR APPLICATION NUMBER: 09/163,162  
 22 <151> PRIOR FILING DATE: 1998-09-29  
 24 <160> NUMBER OF SEQ ID NOS: 250

## ERRORED SEQUENCES

3748 <210> SEQ ID NO: 250  
 3749 <211> LENGTH: 18  
 3750 <212> TYPE: DNA  
 3751 <213> ORGANISM: Artificial Sequence  
 3753 <220> FEATURE:  
 3754 <223> OTHER INFORMATION: Antisense Oligonucleotide  
 3756 <400> SEQUENCE: 250  
 3757 tgtgctattc tgtgaatt

18

E--> 3760 1  
 E--> 3763 64



## VERIFICATION SUMMARY

DATE: 01/08/2002

PATENT APPLICATION: US/09/918,186A

TIME: 15:46:23

Input Set : A:\isph585seq.txt

Output Set: N:\CRF3\01082002\I918186A.raw

L:3508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231

L:3746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249

L:3760 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:18 SEQ:250

M:254 Repeated in SeqNo=250